RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:	10/575,192							
Source:	IFWP							
Date Processed by STIC:	04/24/2006							

ENTERED



IFWP

RAW SEQUENCE LISTING DATE: 04/24/2006
PATENT APPLICATION: US/10/575,192 TIME: 16:12:56

Input Set : A:\14875-159US1.txt

3 <110> APPLICANT: Igawa, Tomoyuki
4 Sekimori, Yasuo

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6 <120> TITLE OF INVENTION: IgM high concentration stabilized solution
      8 <130> FILE REFERENCE: 14875-159US1
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/575,192
C--> 10 <141> CURRENT FILING DATE: 2006-04-07
     10 <150> PRIOR APPLICATION NUMBER: PCT/JP2004/14935
     11 <151> PRIOR FILING DATE: 2004-10-08
     13 <150> PRIOR APPLICATION NUMBER: JP 2003-351388
     14 <151> PRIOR FILING DATE: 2003-10-09
     16 <160> NUMBER OF SEQ ID NOS: 18
     18 <170> SOFTWARE: PatentIn version 3.1
     20 <210> SEQ ID NO: 1
     21 <211> LENGTH: 1779
     22 <212> TYPE: DNA
    23 <213> ORGANISM: Homo sapiens
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     27 <222> LOCATION: (1)..(1779)
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                                        25
    39 cet ggg ggg tgc etg aga etc tec tgt gea gee tet gga tte ace ttt
                                                                              144
    40 Pro Gly Gly Cys Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe
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                                    40
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                                                                              192
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    51 gac tee gtg aag gge egg tte ace ate tee aga gae aaa tee aag aac
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    52 Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Lys Ser Lys Asn
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    55 acg ttg tat ctg caa atg aac agc ctg aga gcc gag gac acg gcc gta
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RAW SEQUENCE LISTING DATE: 04/24/2006
PATENT APPLICATION: US/10/575,192 TIME: 16:12:56

Input Set : A:\14875-159US1.txt

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65		130					135					140						
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		Thr	Leu	Pne	Pro		vai	ser	Cys	GIU		Ser	Pro	Ser	Asp			
	145				_ 4_ 4_	150					155					160		
			-		_		_		gca	_					_			528
	ser	ser	vai	Ата		GIA	Cys	ьeu	Ala		Asp	Pne	Leu	Pro	_	ser		
73					165					170					175			
								_	aac			-		_	_			576
	тте	IIII	Pne		пр	ьуѕ	ıyı	гуѕ	Asn	ASII	ser	Asp	TTE		ser	THE		
77	~~~	~~~	++-	180	+	~+ a	a+ a		185	~~~			~~~	190				C 2 4
									999								,	624
81	Arg	Gry	195	PIO	ser	vaı	ьец	200	Gly	GIY	ьуѕ	ıyı		Ala	IIII	Ser		
	a2a	a+ a		ata	aat	+ 00	224		ata	a+~	a	~~~	205	~~~	~~~	a aa		670
									gtc Val								•	672
85	GIII	210	ьеu	пеп	PIO	ser	цуS 215	Asp	vai	Mec	GIII	220	TIIL	Asp	GIU	пір		
	ata		taa	222	ata	a aa		000	224	~~~	224		~ ~ ~ ~	224	224	ata		720
									aac Asn									120
	225	vai	Cys	цуз	vai	230	1113	FIO	VOII	GIY	235	цуз	Giu	цуз	VOII	240		
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93	110	D Cu	110	vul	245	niu	GIU	пса	110	250	шуз	vai	DCI	vai	255	Val		
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									Asn								Ì	010
97			3	260	1			0-1	265		9	_,_		270				
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																Leu		
101	_		275		-			280	_	,			285					
103	cgc	gad	qqq	aac	cac	gto	qqq	tct	ggc	gto	acc	acc	qaq	cac	gto	gcag		912
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105	-	290	_	_			295		_			300						
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109	305	,				310					315	;				320		
111	ctg	acc	ato	: aaa	gag	ago	gac	tgg	cto	ggc	cag	ago	ato	g tto	acc	tgc:	:	1008
112	Leu	Thr	: Ile	Lys	: Glu	Ser	Asp	Trp	Leu	Gly	Glr.	Sei	Met	: Phe	Thr	Cys		
113					325	;				330)				335	;		
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116	Arg	[Va]	. Asp	His	Arg	Gly	Leu	Thr	Phe	Glr	Glr	ı Asr	ı Ala	a Ser	Ser	Met		
117				340)				345	,				350)			
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		Val	Pro	Asp	Gln	Asp	Thr	Ala	lle	Arg	, Val	. Phe	e Ala	ılle	Pro	Pro		
121			355					360					365					
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RAW SEQUENCE LISTING DATE: 04/24/2006
PATENT APPLICATION: US/10/575,192 TIME: 16:12:56

Input Set : A:\14875-159US1.txt

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												Ile					1200
	385	1111	ASP	пеп	TIIL	390	ıyı	Asp	ser	vai	395	116	ser	пр	1111	400	
		22±	~~~	~~~	aa+		222	200	a . a	200		2 t a	+ ~ ~	~~~	200		1240
												atc Ile					1248
133	GIII	ASII	GIY	GIU	405	vai	пуъ	1111	птъ	410	ASII	116	ser	GIU	415	nis	
	~~~	224	~~~	2 a t		200	~~~	~+~	~~+		~~~		a+ a	+~~		~~+	1206
												agc					1296
	PIO	ASII	Ата	420	Pne	ser	Ala	vaı	_	GIU	Ala	Ser	тте	_	GIU	Asp	
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141	Asp	пр	435	ser	Gry	Giu	Arg	440	1111	Cys	1111	Val		пты	1111	Asp	
	ata	000			ata	224	~~~		2 t a	taa	~~~	~~~	445	~~~	~+ ~	~~~	1202
												CCC					1392
145	neu	450	ser	PIO	пеп	цув	455	1111	TIE	ser	Arg	Pro 460	цув	GIY	vai	AIA	
	a+ a		200	999	ant.	~+ ~		++~	ata			gcc	~~~	~~~	~~~	ata	1440
												Ala					1440
	465	птъ	Arg	PLO	Asp	470	ıyı	ьeu	ьеu	PLO	475	Ата	Arg	GIU	GIII	480	
		at a	~~~	~~~	+ ~~		200	2+4	200	+~~		gtg	200	~~~			1400
												Val					1488
153	ASII	цец	Arg	GIU	485	AIA	1111	116	1111	490	ьеи	vaı	IIII	Gry		ser	
	~~~	~~~	~~~	~+ ^		~+~	~~~	+~~	~+ <i>~</i>		200	999	~~~		495	<b>+ a a</b>	1536
												Gly					1536
157	FIO	AIA	Asp	500	FIIE	vai	GIII	тър	505	GIII	Arg	Gry	GIII	510	пеп	Ser	
	000	~~~	224		ata	200	200	~~~		a+~	aat	gag	000		~~~	999	1584
	_		_				_	_		_		Glu		_	_		1304
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		_						-		-	_	His		_	_		2000
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	tga								700					-			1779
	_)> SI	EQ II	NO:	2												_,,,
			ENGTE														
			PE:		_												
			RGANI		Homo	sar	oiens	5									
			EQUE					-									
						Ser	Tro	Leu	Phe	Leu	Val	Ala	I]e	Leu	Lvs	Glv	
189				1	5					10					15	1	
		Gln	Cvs	Glu		Gln	Leu	Leu	Asp		Glv	Gly	G] v	Leu		Gln	
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RAW SEQUENCE LISTING DATE: 04/24/2006 PATENT APPLICATION: US/10/575,192 TIME: 16:12:56

Input Set : A:\14875-159US1.txt

101				20					25					2.0		
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193	0	.	35	37 -	34-4	0		40		~ 1		5	45	_	~ 3	
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199		_	_	_	85			_		90	_			_	95	_
	Thr	Leu	Tyr		GIn	Met	Asn	Ser		Arg	Ala	Glu	Asp		Ala	Val
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203	_		115		_,	_		120		_	_		125		_	
	Trp		GIn	GLY	Thr	Leu		Thr	Val	Ser	Ser	-	Ser	Ala	Ser	Ala
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215	*** 7	210	~		7	~ 3 .	215	_	_	~ 7	_	220		_	_	
		vai	Cys	ьys	vaı		HIS	Pro	Asn	GIY		Lys	GIu	Lys	Asn	
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219	D	D	3	3	245	DI	D1	61	•	250	•		a		255	
	Pro	PIO	Arg		GIY	Pne	Pne	GIY		Pro	Arg	ьys	ser		Leu	тте
221	C	~1 <u>-</u>	77.	260	a1	nh -	0	D	265	~ 1	-1 -	a1	**- 7	270	m	.
223	Cys	GIII	275	Int	GIY	Pne	Ser		Arg	GIN	тте	GIN		ser	Trp	Leu
	7	~1		T	01 -	*** 1	~1	280	a 1	77-7	mb	ml	285	~1	TT- 7	~1
225	Arg	290	GIA	цуѕ	GIII	vaı	295	ser	GIY	vaı	Inr		Asp	GIII	Val	GIII
	λla		712	Tarc	C111	602		Dro	The	Th.∽	The sac	300	37a]	mb~	Ser	mb se
227		Giu	AIG	пуs	GIU	310	GIY	PLO	1111	1111	315	цуѕ	vai	1111	ser	
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229	шец	1111	116	nys	325	Ser	Asp	пр	цец	330	GIII	ser	Mec	Pne	335	Cys
	Δνα	17=1	λen	цiс		Gly	T 011	Thr	Dho		Cln	7 02	71-	C0~		Met
231	n-9	Vai	тэр	340	Arg	GIY	шец	1111	345	GIII	GIII	ASII	AIA	350	SET	Mec
	Cve	Wa l	Dro		Gl n	Λcn	Thr	ב [ת		720	T-1	Dho	λla		Dro	Pro
233	Cys	vai	355	дар	GIII	vab	1111	360	116	Arg	vai	FIIC	365	116	PIO	PIO
	Sar	Dha		Sar	Tla	Dha	Len		Larc	Car	Thr	Tara		Thr	Cvc	Leu
235	DCI	370	nia	SCI	116	FIIC	375	1111	цуэ	SET	1111	380	пеп	1111	Cys	пеп
	V21		Δen	T.em	Thr	Thr		Men	Ser	TeV	ሞኮድ		Ser	Ттт	Thr	Δνα
237		T.11T	Top	LCU	T11T	390	TAT	voh	DET	val	395	116	261	тър	TIIL	400
		Asn	Glv	Glu	Δla		Lare	Thr	ніс	Thr		Tle	Ser	Glu	Ser	
239	3111	VOII	Gry	GIU	405	val	пур	TIII	urs	410	H SII	TTE	SEL	GIU		птр
ر ر ب					40J					4 T O					415	

RAW SEQUENCE LISTING DATE: 04/24/2006 PATENT APPLICATION: US/10/575,192 TIME: 16:12:56

Input Set : A:\14875-159US1.txt

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     242 Asp Trp Asn Ser Gly Glu Arg Phe Thr Cys Thr Val Thr His Thr Asp
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     244 Leu Pro Ser Pro Leu Lys Gln Thr Ile Ser Arg Pro Lys Gly Val Ala
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     246 Leu His Arg Pro Asp Val Tyr Leu Leu Pro Pro Ala Arg Glu Gln Leu
                             470
                                                 475
    248 Asn Leu Arg Glu Ser Ala Thr Ile Thr Cys Leu Val Thr Gly Phe Ser
                         485
                                             490
    250 Pro Ala Asp Val Phe Val Gln Trp Met Gln Arg Gly Gln Pro Leu Ser
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    252 Pro Glu Lys Tyr Val Thr Ser Ala Pro Met Pro Glu Pro Gln Ala Pro
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    264 <210> SEQ ID NO: 3
    265 <211> LENGTH: 723
    266 <212> TYPE: DNA
    267 <213 > ORGANISM: Homo sapiens
    269 <220> FEATURE:
    270 <221> NAME/KEY: CDS
    271 <222> LOCATION: (1)..(723)
    272 <223> OTHER INFORMATION:
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                                                                               192
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            50
                                 55
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                                                                               240
    292 Lys Pro Gly Gln Pro Pro Lys Leu Leu Ile Tyr Trp Ala Ser Thr Arg
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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 04/24/2006 PATENT APPLICATION: US/10/575,192 TIME: 16:12:57

Input Set : A:\14875-159US1.txt

Output Set: N:\CRF4\04242006\J575192.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:7,8,9,10,11,12,13,14,15,16,17,18

VERIFICATION SUMMARYPATENT APPLICATION: US/10/575,192

DATE: 04/24/2006
TIME: 16:12:57

Input Set : A:\14875-159US1.txt

Output Set: N:\CRF4\04242006\J575192.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:30 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:28
L:274 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:3,Line#:272
L:386 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:5,Line#:384